



MICHIGAN CITY HIGH  
SCHOOL

Junior to Senior Scheduling  
Presentation

# School Counselors



Mrs  
LaMarr

4316



Mrs  
Kovalcik

4579



Mrs  
Anguiano

4346



Miss  
Pelletier

4389



Mrs  
Reed

4341



Mrs  
Woods

4451



Early  
College

Serving students with last names beginning with letters...

A-D

E-Ji

Jo-O

P-Sl

Sm-Z

# Student Learning Objective

Students will review 2025-2026 course options and complete a rough draft of their personal selections.

Students can expect the following outline for our presentation:

1. Check graduation requirements
2. Select required academics and electives for graduation
3. Record electives and alternates to fill all eight periods plus four backups.

# Bucket 1

Diploma

# Bucket 2

Employability  
Skills

# Bucket 3

Postsecondary  
Readiness

# Bucket 1

## Diplomas:

- ★ Core 40
- ★ Academic Honors
- ★ Technical Honors

# Core 40 Diploma

- 8 English Credits
  - 6 Math Credits (in specific math courses)
  - 6 Science Credits (in specific math courses)
  - 6 Social Study Credits (in special social studies courses)
  - 2 PE Credits
  - 1 Health Credit
  - 5 Direct Elective Credits
  - 6 Additional Elective Credits
- 

40 Credits

# Academic Honors

Complete all requirements for Core 40 +

- Earn 2 additional Core 40 math credits
- Earn 6-8 Core 40 world language credits
- Earn 2 Core 40 fine arts credits
- Complete 1 of the following: (1) earn 4 credits in 2 or more AP courses + take AP exams; (2) earn 6 approved DC credits; (3) composite score of 1250 or higher on SAT, min 560 math and min 590 on evidence based read/write; (4) composite score of 26 or higher on ACT, complete written section; (5) earn 4 credits in IB + IB exams

\* GPA of "B" or better AND earn a "C" or better in courses that will count toward the diploma\*

# Technical Honors

Complete all requirements for Core 40 +

- Earn 6 credits in the college and career preparation courses and one of the following: (1) Pathway designated industry-based certification or credential; (2) Earn 6 DC in designated pathway
- Complete one of the following: (1) Any one of the options for Academic Honors; (2) Earn the following on WorkKeys: Workplace Documents - Level 6; Applied Math - Level 6, and Graphic Literacy - Level 5; (3) Earn at least Writing 80, Reading 90 and Math 75 on Accuplacer; (4) Earn Algebra 66, Writing 70, and Reading 80 on Compass

\* GPA of "B" or better AND earn a "C" or better in courses that will count toward the diploma\*

# Bucket 2

## ★ Project Based

### Learning

- History of Chicago
- History of Sports
- History of Rock and Roll
- PLTW Civil Engineering or Computer Integrated Manufacturing

## ★ Service Based

### Learning

- JROTC
- Band/Chorus
- Sport
- Club
- Peer Tutor

## ★ Work Based

### Learning

- AK Smith
- Employment
- JAG

# Bucket 3

- ★ Academic or Technical Honors diploma
- ★ SAT or ACT Score
- ★ ASVAB (if going into the military)
- ★ CTE Concentrator (6 NLPS classes; C average)
- ★ State and Industry Recognized Certification
- ★ AP/DC Courses (3 classes; C average)
- ★ Art or Music Pathway (locally approved)

## Core

Core classes are designed for the college/career bound student on track for the Core 40 Diploma. Core classes are based on a 4.0 GPA scale.

## Honors

Honors classes are designed for the college/career bound student and are more rigorous than the core level. Honors courses are on a 4.5 GPA scale.

## Dual Credit (DC)-

courses in which high school students have the opportunity to earn both high school and college credits simultaneously. Dual credit courses are taught by credentialed high school faculty, adjunct college faculty or college faculty either at the high school, at the college or university, or sometimes through online courses or distance education. DC courses are on a 5.0 GPA scale and the grade received will appear on both the high school and college transcript.

## Advanced Placement (AP)-

Are college-level courses and exams for high school students. American colleges and universities often grant placement and course credit to students who obtain high scores on the examinations. The AP curriculum for each of the various subjects is created for the College Board by a panel of experts and college-level educators in that field of study . AP courses are on a 5.0 GPA scale.



One Year of College Credit at MCHS!



Students must take at least one course from each of the six categories below (no more than 12 credits from each category) & earn a total of 30 credits from this page.

Yellow: MCHS Course

Gray: University Course

Suggested Grade Level

QUANTITATIVE REASONING

<b>Finite Mathematics</b>	MTH500/501	3 credits	MATH 135	Finite Math	Grades 11-12
<b>Pre-Calculus</b>	MTH400	3 credits	MATH 136	College Algebra	Grades 11-12
<b>Trigonometry</b>	MTH401	3 credits	MATH 137	Trig with Analytic Geometry	Grades 11-12
<b>Calculus</b>	MTH402/403	5 credits	MATH 211	Calculus I	Grade 12
<b>Quant. Reasoning</b>	MTH408/411	3 credits	MATH 123	Quantitative Reasoning	Grades 11-12

SOCIAL & BEHAVIORAL WAYS OF KNOWING

<b>US History</b>	HST302	3 credits	HIST 105	American History I	Grades 10-11
<b>US History</b>	HST303	3 credits	HIST 106	American History II	Grades 10-11
<b>US Gov DC</b>	HST404	3 credits	POLS 103	Introduction to American Government and Politics	Grade 12

HUMANISTIC & ARTISTIC WAYS OF KNOWING

<b>Creative. Writ. DC</b>	ENG453	3 credits	ENGL 202	Creative Writing	Grades 11-12
<b>Intro to Lit. DC</b>	ENG452	3 credits	ENGL 206	Introduction to Literature	Grades 11-12
<b>French III (S1)</b>	WLD202	4 credits	FREN 101	French Level I	Grades 11-12
<b>French III (S2)</b>	WLD207	4 credits	FREN 102	French Level II	Grades 11-12
<b>French IV (S1)</b>	WLD203	3 credits	FREN 201	French Level III	Grade 12
<b>French IV (S2)</b>	WLD208	3 credits	FREN 202	French Level IV	Grade 12
<b>German III (S1)</b>	WLD302	4 credits	GERM 101	German Level I	Grades 11-12
<b>German III (S2)</b>	WLD307	4 credits	GERM 102	German Level II	Grades 11-12
<b>German IV (S1)</b>	WLD303	3 credits	GERM 201	German Level III	Grade 12
<b>German IV (S2)</b>	WLD308	3 credits	GERM 202	German Level IV	Grade 12
<b>Spanish III</b>	WLD102	4 credits	SPAN 101	Spanish Level I	Grades 11-12
<b>Spanish III</b>	WLD107	4 credits	SPAN 102	Spanish Level II	Grades 11-12
<b>Spanish IV</b>	WLD103	3 credits	SPAN 201	Spanish Level III	Grade 12
<b>Spanish IV</b>	WLD108	3 credits	SPAN 201	Spanish Level IV	Grade 12

SCIENTIFIC WAYS OF KNOWING

<b>Biology II</b>	SCI250/251	3 credits	BIO 100	Humans & the Biological World	Grades 10-12
<b>Chemistry II</b>	SCI350/351	3 credits	CHEM 101	Elementary Chemistry	Grades 11-12

WRITTEN COMMUNICATION

<b>Eng. Composition DC</b>	ENG450	3 credits	ENGL 111	English Composition	Grades 11-12
<b>Rhetoric &amp; Argument DC</b>	ENG451	3 credits	ENGL 215	Rhetoric & Argument	Grades 11-12

SPEAKING & LISTENING

<b>Advanced Speech</b>	ENG008	3 credits	COMM 101	Fund. Of Public Speaking	Grades 10-12
------------------------	--------	-----------	----------	--------------------------	--------------

Green Font: Ivy Tech

Black Font: Indiana University

# ICC: Indiana College Core

# Time to Schedule!

1. Open your Chromebooks
2. Open your email
3. Find the Google Form sent by your counselor
4. Fill out the form as we go through the course options

# 12th Grade Sample Schedule

1. English 12 or AP/DC English Course (2 Semesters)
2. Government (Core, AP, or DC) (1 Semester)
3. Economics (Core, AP, or DC) (1 Semester)
4. Higher Level Math Course or Elective
5. Elective
6. Elective
7. Elective
8. Elective

# Core and AP English Options

- ★ English 12 (2 Semesters)
- ★ AP English Language & Composition (2 Semesters)
- ★ AP English Literature & Composition (2 Semesters)

# Dual Credit English Options

- ★ English Composition DC (1 Semester)
- ★ Rhetoric & Argument DC (1 Semester)
  - Prerequisite: Eng Comp DC or AP Lang Score of 3 or above
- ★ Creative Writing DC (1 Semester)
  - Prerequisite: Eng Comp DC or or AP Lang Score of 3 or above
- ★ Introduction to Literature (1 Semester)
  - Prerequisite: Eng Comp DC or or AP Lang Score of 3 or above
- ★ Advanced Speech (1 Semester)
  - Prerequisite: Speech

# Core Math Options

## ★ Prime Math (2 Semesters)

- Prerequisite: Algebra II or Analytical Algebra II
  - Could count for AHD
  - Not DC, but for students wanting to go to college
  - Most Indiana Colleges will waive math prereqs and test outs if B or better is earned.

## ★ Analytical Algebra II (2 Semesters)

- Non STEM track
- Not planning on taking PreCalc or Calc

If you failed Algebra II (or a different math course), choose that class.

# Advanced Placement Math Options

## ★ AP Pre-Calculus (2 Semesters)

- Prerequisite: Algebra I
- STEM

## ★ AP Calculus AB (2 Semesters)

- Prerequisite: A or B in both semesters of Pre-Calc DC or AP Pre-Calc
- STEM

## ★ AP Statistics (2 Semesters)

- Research, development, humanities field majors
- Data and statistics

# Dual Credit Math Options

- ★ **Pre-Calculus Trigonometry & Algebra (2 Semesters)**
  - Prerequisite: B or better in both semester of Algebra II
  - Take for STEM programs
- ★ **Finite Math (2 Semesters)**
  - Prerequisite: C or better in Algebra II and Geometry
  - IU Business or Computer Science
- ★ **Quantitative Reasoning (2 Semesters)**
  - Prerequisite: C or better in Algebra I and II
  - Can be a prerequisite (not recognized IU Bloomington, non STEM programs)

# Social Studies Options

- ★ Government (1 Semester)
- ★ Economics (1 Semester)
- ★ Government DC (1 Semester)
- ★ AP Government (1 Semester)
- ★ AP Microeconomics (1 Semester)

# Core Science Options

- ★ Earth & Space Science (2 Semesters)
- ★ Environmental Science (2 Semesters)
- ★ Chemistry I (2 Semesters)
- ★ Physics I (2 Semesters)
- ★ Physics II (2 Semesters)
  - Prerequisite: Physics I
- ★ Anatomy and Physiology (2 Semesters)

Remember, you are only required to have 3 years of science!

# Dual Credit Science Options

## ★ Biology II (2 Semesters)

- Prerequisite: A or B in Biology I and Chemistry I

## ★ Chemistry II (2 Semesters)

- Prerequisite: A or B in Algebra II and Chemistry I

# Dual Credit Science Options

- ★ Principles of Biomedical Sciences (2 Semesters)
- ★ Human Body Systems (2 Semesters)
  - Prerequisite: Principles of Biomedical Sciences
- ★ Medical Interventions (2 Semesters)
  - Prerequisite: Principles of Biomedical Sciences and Human Body Systems or Anatomy and Physiology

# Advanced Placement Science Options

- ★ **AP Biology (2 Semesters)**
  - **Prerequisite: A or B in Biology I and Chemistry I**
- ★ **AP Chemistry (2 Semesters)**
- ★ **AP Physics (2 Semesters)**
- ★ **AP Environmental Science (2 Semesters)**
  - **Prerequisites: Biology I and Chemistry I**

# Electives

# Science Electives

## ★ Forensic Science

- Prerequisite: Biology and Chemistry

## ★ Botany

- Prerequisite: Biology

## ★ Global Environmental Change

- Prerequisite: Chemistry or ICP

## ★ Human Genetics

- Prerequisite: Biology and Algebra

## ★ Earth & Space Astronomy

- Prerequisite: Biology

## ★ Earth & Space Meteorology

- Prerequisite: Biology

# World Language Electives

- ★ French
- ★ German
- ★ Japanese
- ★ Spanish

# Art Electives

- ★ Intro 2D Art
- ★ Photography I
- ★ Photography II
- ★ Photography III
- ★ Drawing I
  - Prereq: Intro to 2D Art
- ★ Drawing II
- ★ Visual Communication I
- ★ Visual Communication II
- ★ Printmaking I
- ★ Painting I
  - Prereq: Drawing I
- ★ Painting II
- ★ Sculpture I
  - Prereq: Intro to 2D Art
- ★ Sculpture II
- ★ Fiber Arts I
  - Prereq: Intro to 2d Art
- ★ Fiber Arts II
- ★ Adv. 2D Art - teacher rec.

# Music Electives

- ★ Beginning Concert Band (2 Semesters)
- ★ Intermediate Concert Band (2 Semesters)
- ★ Advanced Concert Bands (2 Semesters)
- ★ Jazz Ensemble I (1 Semester)
- ★ Jazz Ensemble II (1 Semester)
- ★ Instrumental Ensemble (1 Semester)
- ★ Beginning Chorus (2 Semesters)
- ★ Intermediate Chorus (2 Semesters)
- ★ Advanced Chorus (2 Semesters)
- ★ City Singers (2 Semesters)
- ★ Vocal Jazz I (1 Semester)
- ★ Vocal Jazz II (1 Semester)
- ★ Applied Music (1 Semester)

# Music Electives

- ★ Electronic Music
- ★ Music History & Appreciation
- ★ Musical Theater
- ★ Music Theory & Composition
- ★ Piano & Electronic Keyboard I
- ★ Piano & Electronic Keyboard II
- ★ AP Music Theory

# English Electives

- ★ Journalism (1 Semester)
- ★ Speech (1 Semester)
- ★ Theater Arts (1 Semester)
- ★ Advanced Theater Arts (1 Semester)
  - Prerequisite: Theater with C or better
- ★ Advanced Speech & Communication DC (1 Semester)
- ★ AP Seminar (2 Semesters)
- ★ Student Publications: Yearbook (2 Semesters)
  - Application required

# English Electives

- ★ **Student Publications: Newspaper (2 Semesters)**
- ★ **Student Media/Announcements/MCHS TV (2 Semesters)**

# Social Studies Electives

- ★ **Indiana Studies (1 Semester)**
- ★ **History of Rock & Roll (Bucket 2 Qualifier) (1 Semester)**
- ★ **History of Chicago (Bucket 2 Qualifier) (1 Semester)**
- ★ **History of Sports (Bucket 2 Qualifier) (1 Semester)**
- ★ **Current Events (1 Semester)**
- ★ **AP Human Geography (2 Semesters)**
- ★ **World History & Civilization (2 Semesters)**

# Social Studies Electives

- ★ AP Psychology (2 Semesters)
- ★ Psychology (1 Semester)
- ★ Sociology (1 Semester)
- ★ Ethnic Studies (1 Semester)
- ★ African Studies (1 Semester)
- ★ Moments That Changed America (1 Semester)
  - Prerequisites: US History or World History and Civilization

# Semester Long Career and Tech Electives

- ★ **Personal Financial Responsibility**
- ★ **Intro to Business**
- ★ **Digital Applications & Responsibilities**
- ★ **Computer Science**

# Year Long Career and Tech Electives

- ★ **Intro to Entrepreneurship**
- ★ **Intro to Construction**
- ★ **Introduction to Agriculture**
- ★ **Robotics Design & Innovation**
- ★ **Compressed Air Academy 1**
- ★ **Compressed Air Academy 2**
- ★ **Business Law & Ethics**
- ★ **Business Math**

# Family and Consumer Sciences

- ★ **Adult Roles and Responsibilities**
- ★ **Child Development**
- ★ **Advanced Child Development**
  - **Prereq: Child Development**
- ★ **Nutrition & Wellness**
- ★ **Advanced Nutrition & Wellness**
  - **Prereq: Nutrition & Wellness**
- ★ **Interpersonal Relationships**
- ★ **Introduction to Housing and Interior Design**
- ★ **Introduction to Culinary Arts & Hospitality (2 Semesters)**

# Health & Physical Education

- ★ Strength Training (1-2 Semesters)
  - ★ Team Sports (1-2 Semester)
  - ★ Officiating (1 Semester)
  - ★ Lifeguard Training (1 semester)
- ★ All have a prerequisite of 2 semesters of PE

# Multidisciplinary

- ★ **Peer Tutoring**
  - **Prerequisite: Approval by teacher; B average**
- ★ **JAG - Jobs for America's Graduates**
- ★ **JROTC**

# NLPS PATHWAYS

# NLPS Classes

- ★ Career based classes
- ★ Used to fulfill Bucket 3 requirements
  - May be a back-up plan for some
- ★ Must complete the career pathway to fulfill Bucket 3
  - Receive a “C” average in the courses

# Accounting

- ★ **Principles of Business Management (2 Semester)**
- ★ **Accounting Fundamentals (2 Semester)**
- ★ **Advanced Accounting (2 Semester)**

# Biomedical Sciences and Technology

- ★ Principles of Biomedical Sciences (2 Semester)
- ★ Human Body Systems OR Anatomy & Physiology (2 Semester)
- ★ Medical Interventions (2 Semester)

# Business Administration

- ★ Principles of Business Management (2 Semester)
- ★ Management Fundamentals (2 Semester)
- ★ Accounting Fundamentals (2 Semester)

# Computer Science

- ★ Principles of Computing (2 Semester)
- ★ Topics in Computer Science (2 Semester)
- ★ Computer Science (2 Semester)

# Cybersecurity

- ★ Principles of Computing (2 Semester)
- ★ Cybersecurity Fundamentals(2 Semester)
- ★ Advanced Cybersecurity (2 Semester)

# Digital Design

- ★ Principles of Digital Design (2 Semester)
- ★ Digital Design Graphics (2 Semester)
- ★ Interactive Media Design (2 Semester)

# Early Childhood Education

- ★ Principles of Early Childhood Education (2 Semester)
- ★ Early Childhood Education Curriculum (2 Semester)
- ★ Early Childhood Education Guidance (2 Semester)

# Engineering

- ★ Introduction to Engineering Design (2 Semester)
- ★ Principles of Engineering (2 Semester)
- ★ Civil Engineering & Architecture (2 Semester)
- ★ Computer Integrated Manufacturing (2 Semester)

# Fashion, Textiles, and Design

- ★ Principles of Fashion and Textiles (2 Semester)
- ★ Textiles, Apparel, and Merchandising (2 Semester)
- ★ Advanced Textiles (2 Semester)

# Marketing

- ★ Principles of Business Management (2 Semester)
- ★ Marketing Fundamentals (2 Semester)
- ★ Digital Marketing (2 Semester)

# AK Smith Programs

- ★ Automotive
- ★ Broadcasting (La Porte High School)
- ★ Construction
- ★ Cosmetology
- ★ Criminal Justice & Law
- ★ Culinary Arts & Hospitality
- ★ Education Professions
- ★ Electrical
- ★ EMT
- ★ Fire Science
- ★ Health Sciences
- ★ Machining
- ★ Smart Manufacturing
- ★ Welding